

# Converting Colors

Hex(7E6F78)

Have a look what the booklet for  
Hex(7E6F78) contains.

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# Color

**Hex(7E6F78)**

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | 7E6F78                    |
| RGB         | 126, 111, 120             |
| RGB Percent | 49%, 44%, 47%             |
| CMY         | 0.5059, 0.5647, 0.5294    |
| CMYK        | 0.00, 0.12, 0.05, 0.51    |
| HSL         | 324°, 6%, 46%             |
| HSV         | 324°, 12%, 49%            |
| XYZ         | 17.6788, 17.1606, 20.1498 |
| YIQ         | 116.5110, 6.0510, 5.9790  |

# Conversions

## Conversions Part 2

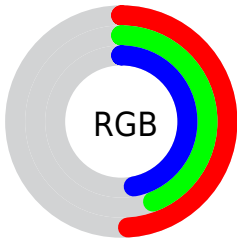
| <b>Format</b>                       | <b>Color</b>                |
|-------------------------------------|-----------------------------|
| <b>R<sub>YB</sub></b>               | 126, 111, 120               |
| Decimal                             | 8286072                     |
| CIE <sub>Lab</sub>                  | 48.46, 7.56, -2.83          |
| CIE <sub>LCh</sub>                  | 48, 8.074, 339.469          |
| Yxy                                 | 17.1606, 0.3215,<br>0.3121  |
| Android<br>(android.graphics.Color) | 4286476152<br>(0xFF7E6F78)  |
| YUV                                 | 116.5110, 1.7201,<br>8.3219 |
| Hunter-Lab                          | 41.4253, 3.6829,<br>0.1582  |

# Details

The Hex color **7E6F78** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6F7E75**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **B3A3AC**, and **4D3F48** is the 20% darker color. If you saturate the color by 10%, you get **7E6273**, and if you desaturate by 10%, it is **7E7C7D**.

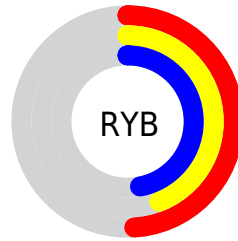
# Distribution



Red (49%)

Green (44%)

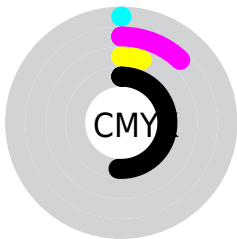
Blue (47%)



Red (49%)

Yellow (44%)

Blue (47%)

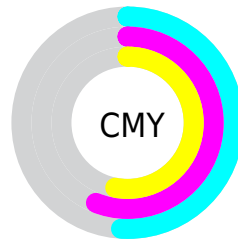


Cyan (0%)

Magenta (12%)

Yellow (5%)

Black (51%)



Cyan (51%)

Magenta (56%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7E6F78 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 7E6F78 by changing the saturation by 10% instead.



7E6F78

7E6F78

FFFFFF

65575F

B3A3AC

4D3F48

CEBEC8

362931

EAD9E4

21151C

FFF6FF

020000

000000

7E6F78

7E6F78

7E6273

7E7C7D

7E566E

7E8882

7E4969

7E9587

7E3D64

7EA18C

7E305F

7EAE91

7E235A

7EBB96

7E1755

7EC79B

7E0A50

7ED4A0

7E004C

7EE0A5

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77717E



7E6F78



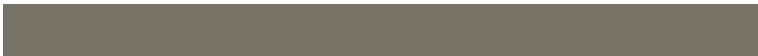
826E71

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



7E6F78



767366



62777B

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



7E6F78



6F7E75

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



637775



7E6F78



6F7568

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



7E6F78



7D7166



67776E



677580

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



7E6F78



826F6D



67776E



627779



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



7E6F78



A39DA1



756F7E



524E50



D1D1D1



525252



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



7E6F78



A38C9A



7E6F71



40393D



80004C



000000



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



7E6F78



A38C9A



6F7E7D



40393D



80004D



000000



# Previews

## White Background



This preview shows how the Hex color 7E6F78 looks on a white background.

## Color Contrast Check

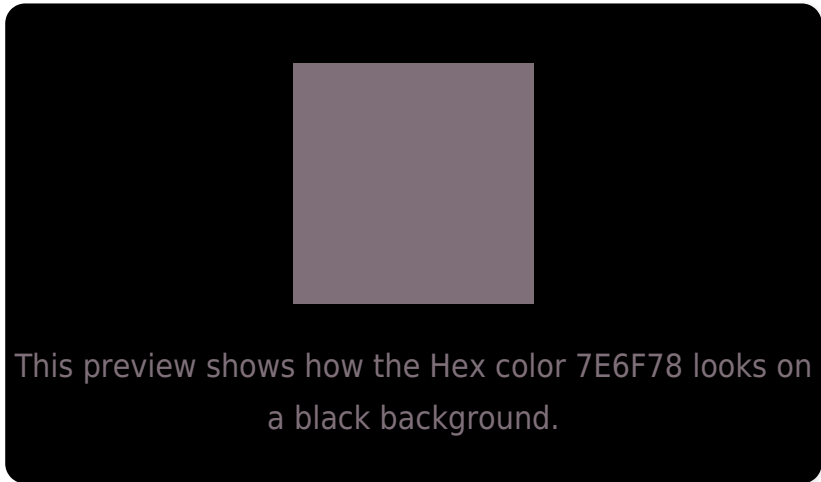
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

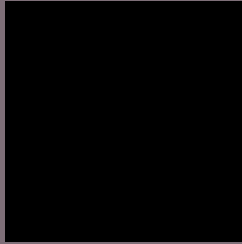
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7E6F78 Background



This preview shows how black text looks on a background with the Hex color 7E6F78.



This preview shows how white text looks on a background with the Hex color 7E6F78.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



**Original Color**

7E6F78

**Protanopia**

73727A

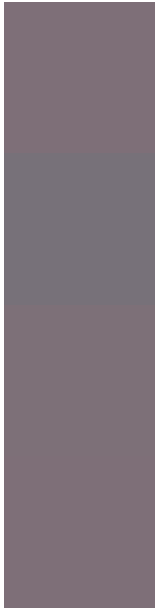
**Deuteranopia**

7C7078



**Tritanopia**  
7E6F78

# Trichromacy



**Original Color**

7E6F78

**Protanomaly**

777179

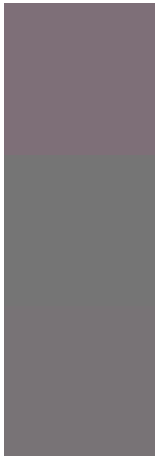
**Deuteranomaly**

7D7078

**Tritanomaly**

7E6F78

# Monochromacy



**Original Color**

7E6F78

**Achromatopsia**

757575

**Achromatomaly**

787376

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7E6F78 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #7E6F78 looks like.

```
.text, #text, p{  
    color:#7E6F78  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #7E6F78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E6F78
}
```

## Border

The CSS property to change the border of an element to Hex 7E6F78 is called "border". The border property can be set on classes, ids or directly on the HTML element.

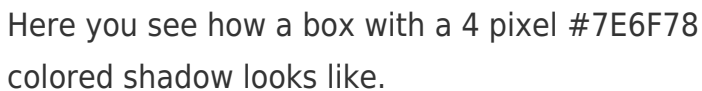
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7E6F78 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#7E6F78 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #7E6F78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E6F78; -webkit-box-shadow:4px 4px  
4px 4px #7E6F78; box-shadow:4px 4px 4px  
4px #7E6F78 }
```

# Background

The CSS property to change the background color of an element to Hex 7E6F78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E6F78 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#7E6F78 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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